

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-2. **(Canceled)**

3. **(Currently Amended)** An electromagnetic fuel injection valve, comprising:

a valve housing formed by a magnetic cylinder body and a valve seat member connected to a front end of the magnetic cylinder body in a liquid-tight manner,

the valve seat member having a valve seat at a front end thereof, a fuel injection hole being provided at the front end of the valve seat member,

the magnetic cylinder body being made of magnetic metal and coaxially connected at a rear end thereof to a front end of a fixed core via a nonmagnetic cylinder body formed of nonmagnetic metal,

a valve operating part in which a valve body spring-biased in a direction to be seated in a the valve seat is accommodated in a the valve housing ~~having the valve seat at a front end thereof;~~

a movable core being integrally formed on a rear end of a valve shaft which leads to the valve operating part, the movable core being opposed to the fixed core,

~~a solenoid part in which~~ a coil assembly capable of exhibiting electromagnetic force for driving the valve body to a side to separate from the valve seat, the coil assembly being arranged around an outer periphery of the valve housing and the fixed core;

~~is accommodated in a solenoid housing provided to connect~~ be connected to the valve housing and the fixed core and surrounding the coil assembly; and

a resin molded part of a synthetic resin which integrally forms a power receiving coupler to which a power receiving side connecting terminal connecting to a coil of the coil assembly is faced, at least part of the solenoid housing being embedded in the resin molded part,

wherein the resin molded part is formed by two-layer molding of a first resin molded layer which covers at least part of the solenoid housing and forms a coupler main part forming a skeletal structure of the power receiving coupler, and a second resin molded layer which is formed of a material with smaller bending strength than the first resin molded layer and covers the first resin molded layer so that the first resin molded layer is exposed at a tip end side from an intermediate portion of the power receiving coupler, and at least one engaging groove endlessly continuing in which the second resin molded layer is engaged is formed at the first resin molded layer at the intermediate portion of the power receiving coupler.

4. **(Previously Presented)** The electromagnetic fuel injection valve according to claim 3, wherein a projected portion which elastically contacts a power supplying coupler attachably and detachably connected to the power receiving coupler is formed at the second resin molded layer at the portion forming part of the power receiving coupler, and an engaging projection which detachably engages with the power supplying coupler is formed at the first resin molded layer at the portion forming part of the power receiving coupler to sandwich the engaging groove between the engaging projection and the projected portion.

5. **(Previously Presented)** The electromagnetic fuel injection valve according to claim 3 or 4, wherein the first resin molded layer is formed of liquid crystal polymer with mixture of glass fibers.

6. **(Previously Presented)** The electromagnetic fuel injection valve according to claim 3 or 4, wherein the second resin molded layer is formed of thermoplastic polyester elastomer with mixture of glass fibers excluded.

7. **(Currently Amended)** An electromagnetic fuel injection valve, comprising:

a valve housing formed by a magnetic cylinder body and a valve seat member connected to a front end of the magnetic cylinder body in a liquid-tight manner,

the valve seat member having a valve seat at a front end thereof, a fuel injection hole being provided at the front end of the valve seat member,

the magnetic cylinder body being made of magnetic metal and coaxially connected at a rear end thereof to a front end of a fixed core via a nonmagnetic cylinder body formed of nonmagnetic metal,

a valve operating part in which a valve body spring-biased in a direction to be seated in ~~a~~the valve seat is accommodated in ~~a~~the valve housing ~~having the valve seat at a front end thereof;~~

a movable core being integrally formed on a rear end of a valve shaft which leads to the valve operating part, the movable core being opposed to the fixed core,

~~a solenoid part in which~~ a coil assembly capable of exhibiting electromagnetic force for driving the valve body to a side to separate from the valve seat, the coil

assembly being arranged around an outer periphery of the valve housing and the fixed core;

~~is accommodated in a solenoid housing provided to connect~~ be connected to the valve housing and the fixed core and surrounding the coil assembly; and

a resin molded part of a synthetic resin which integrally forms a power receiving coupler to which a power receiving side connecting terminal connecting to a coil of the coil assembly is faced, at least part of the solenoid housing being embedded in the resin molded part,

wherein the resin molded part is formed by two-layer molding of a first resin molded layer which covers at least part of the solenoid housing and forms part of the power receiving coupler, and a second resin molded layer which is formed of a material with larger linear expansion coefficient than the first resin molded layer and covers the first resin molded layer, and an air layer is partially formed between the first and the second resin molded layers, and

wherein the second resin molded layer comprises a thick-walled portion at a center part thereof, and a thin-walled portion at a tail end side which is connected to the thick-walled portion as a thinner portion than the thick-walled portion, and the thin-walled portion interlocks with the first resin molded layer or a metal member via concavo-convex engagement.

8. **(Canceled)**

9. **(Currently Amended)** The electromagnetic fuel injection valve according to claim **[[8]]** 7, wherein an outer surface of the first resin molded layer is

formed to be a rougher surface than the other parts, in a vicinity of concavo-convex engagement portions with the thin-walled portions.

10. **(Currently Amended)** The electromagnetic fuel injection valve according to ~~any one of claims 7 to 9~~ claim 7 or 9, wherein the first resin molded layer is formed of liquid crystal polymer with mixture of glass fibers.

11. **(Currently Amended)** The electromagnetic fuel injection valve according to ~~any one of claims 7 to 9~~ claim 7 or 9, wherein the second resin molded layer is formed of thermoplastic polyester elastomer with mixture of glass fibers excluded.

12-14. **(Canceled)**